



Connecting Students to Careers, Professionals to Communities, and Communities to Better Health

MAHEC is committed to enhancing access to quality health care, particularly primary and preventive care, by growing and supporting Missouri's healthcare workforce.

PROBLEM STATEMENT: *(References available upon request)*

Nationally:

- Nationally, a physician shortage is looming and there is a clear, longstanding urban-rural maldistribution.
- Physician shortages in rural areas lead to disadvantage and disparity in health status, health infrastructure, and economic vitality.
- While 20% of the U.S. population resides in rural areas, less than 9% of physicians practice in those communities.
- The rural population is one of the largest physician-underserved populations in the U.S.
- Only 3% of medical school matriculants plan to practice in rural areas and small towns.

Missouri:

- These national workforce issues are mirrored in Missouri.
- Of the 114 counties in Missouri, 103 are designated rural.
- This represents 97.4% of the surface area of the state and 38% of the population.
- Forty-three of the rural counties in Missouri do not have a hospital and 28% of Missourians currently lack adequate access to health care.
- Thirty rural counties in Missouri have a population to primary care physician ratio that exceeds 3,500 to 1, the federal standard for a Health Professions Shortage Areas.⁵
- With 38% of Missouri's population living in rural areas and only 18% of the primary care physicians locating there, this paucity of physicians is a critical factor negatively affecting health services in rural Missouri.

FACTORS THAT INFLUENCE RURAL PRACTICE LOCATION:

- rural background and upbringing
- community service
- longitudinal rural clinical experiences
- rural acculturation and
- being prepared for rural practice

AHECs OFFER PROGRAMS TO INCREASE THE NUMBERS OF RURAL HEALTH PROFESSIONALS:

- health career exposure experiences for elementary and high school students
- mentoring or shadowing programs with rural physicians for undergraduate students
- hands-on clinical experiences or lectures as first and second year medical students
- rural community-based experiences during the latter years of medical school and residency

Missouri Area Health Education Centers



IMPACTS:

1. Intensive, longitudinal programs result in higher numbers of graduates entering rural practice.

**The AHEC programs span from high school to practice and beyond.*

2. Students must also have time and opportunity to acculturate into the rural lifestyle to be influenced to practice in a rural area. Students must not only understand the medical community, but develop an emotional attachment to rural living through connections with local people and community.

**AHEC participants have opportunities longitudinally to live and work in rural areas as necessary to make local connections.*

3. The most influential factor for retention is feeling prepared for rural careers. Physicians' sense of preparedness for small-town living predict their retention duration. The presence and duration of rural rotations appear to be the best predictors of retention in rural areas.

**Many of the physicians now practicing in rural Missouri who have participated in the AHEC programs are teaching students following them in the pipeline.*

SEMO AHEC OUTCOMES: Health Professionals in community practice and those still training in the MAHEC pipeline.

Cape Girardeau	Speciality
David Boardman, DO	Family Medicine
Tom Brumitt, DO	Radiology
Mark Dalton, DO	Internal Medicine
Cassie Felkerson, DO	Emergency Medicine
Kurt Lancaster, DO	Anesthesiology
Joe Lecke, DO	Emergency Medicine
Eric Morton, DO	OB/GYN
Charity Sandvos, MD	Family Medicine
William Ray Silliman, MD	General Surgery
Farmington	Specialty
James Buchanan, DO	Family Medicine
Dwayne Damba, DO	Family Medicine
Victoria Damba, DO	Emergency Medicine
Scott Kirkley, MD	Internal Medicine
Paul Moniz, DO	Family Medicine

Stephanie Moniz, DO	Family Medicine
Guy Roberts, DO	Family Medicine
Fredericktown	Specialty
Shayne Keddy, DO	Emergency Medicine
Houston	Specialty
Gretchen Price, DO	Internal Medicine
Kennett	Specialty
Karl Shandstrom, DO	Family Medicine
Poplar Bluff	Specialty
Carrie Carda, MD	OB/GYN
Chad Casey, PT	Physical Therapy
Poppy Daniels, MD	OB/GYN
Andy Gayle, MD	Family Medicine
Angie Gregory, PTA	Physical Therapy Assistant
Susan Hall, NP	Nurse Practitioner
Donald Jones, MD	OB/GYN
Tyler Kramer, OD	Optometry
Farrah McSpadden, MD	OB/GYN
Chris Montgomery, MD	Internal Medicine
Dorothy Munch, DO	Family Medicine
Larry Nation, PT	Physical Therapist
Angela Patterson, MD	Internal Medicine
April Piland, FNP	Nurse Practitioner
Sandi Reese, FNP,GNP	Nurse Practitioner
Terry Reese, FNP	Nurse Practitioner
Cheryl Rich, MD	Family Medicine
Sarah Snyder, PA	Physician Assistant
Gary Ward, DO	Family Medicine
Sikeston	Specialty
Cully Bryant, MD	Family Medicine
Kevin Blanton, MD	Pediatrics
Sarah Curry, MD	Family Medicine
Kim Essner, PA	Physician Assistant
Jennifer Waller, MD	OB/GYN
Rick Wirz, DO	General Surgery
West Plains	Specialty
Scott Roush, DO	Family Medicine
Jason Spurling, DO	Family Medicine

Currently Training in Pipeline	Specialty	Future Practice Location
Kristin Alexander, SEMO Univ Attending UMKC Dental in Fall 2011	General Dentistry	Poplar Bluff
Joe Boyer, 3rd Yr. Resident	Emergency Medicine	Cape Girardeau or Perryville
Major Burger, OMS-III	Family or Internal Medicine	Cape Girardeau
Chris Crocker, 3rd Yr. Resident	Internal Medicine	Dexter
Mandy Carroll, 2nd Yr. Resident	OB/GYN	Farmington
Amir Choudhari, OMS-IV	Neurosurgery	Cape Girardeau
Jessica Cox, MS-III	Family Medicine	Sikeston
Michael Dodd, OMS-III	Pediatrics or Internal Medicine	Cape Girardeau
Theresa Dolphin, OMS-III	Family Medicine	Cape Girardeau or Poplar Bluff
Brian Draper, OMS-IV	General Surgery	Poplar Bluff
Josh Gast, OMS-IV	Radiology or Derm	Cape Girardeau
Kristi Teal Gillette, OMS-II	Family Medicine	West Plains
Nickolas Gillette, OMS-IV	Family Medicine	West Plains
Laura Glueck, OMS-III	Family Medicine with OB	Cape Girardeau
John Grider, 3rd Yr. Resident	Internal Medicine	Cape Girardeau
Curtis Jansen, OMS-IV	Anesthesiology	Cape Girardeau
James Lutz, DS-I	General Dentistry	Perryville
Fallon Mayhabb, MS-IV	OB/GYN	Sikeston
Trevin Mayhabb, MS-IV	Family Medicine or Internal Medicine	Sikeston
Derek Morrison, 2nd Yr. Resident	Family Medicine	West Plains
Ashley Murphy, OMS-III	Psychiatry	Dexter or Poplar Bluff
Katie Murray, 2nd Yr. Resident	Urology	Cape Girardeau
Mary Pendergrass, OMS-IV	Family Medicine	West Plains
Kelly Reed, OMS-III	Dermatology	Poplar Bluff or Cape Girardeau
Erik Sasovetz, 2nd Yr. Resident	Internal Medicine	Kennett
Joe Sheppard, OMS-III	Family Medicine	West Plains

Nicole Summers, 2nd Yr. Resident	Family Medicine	West Plains
Erin Toney, OMS-III	Emergency Medicine	Perryville
Mike VanGent, OMS-III	Pediatrics or Internal Medicine	West Plains
Natasha Ware, 2nd Yr. Resident	Emergency Medicine	Poplar Bluff or Kennett
Courtney Wesbecher, DS-III	General Dentistry	Farmington
Betsy White, OMS-III	General Surgery	Cape Girardeau